

HFS ARCHITECTS

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Addendum No. 02

18 February 2005

Project:	Provo DWS - HVAC System Upgrade & Ceiling Replacement	Date:	18 February 2005
Address:	1525 North Freedom Boulevard	Project No.:	0426.01
City, State:	Provo, Utah	Owner No.:	04210920
Owner:	DFCM	Agency:	Department of Workforce Services

To all Bidders of Record:

This addendum forms a part of the contract documents and modifies the original specifications and drawings as noted below. Items of general information are included without reference to the plans and specifications. Revisions to the specifications are referenced by page number and paragraph heading on that page. Revisions to the drawings are reference by the drawing number. Unless otherwise stated, any changes herein offset only the specific drawings, words, or paragraphs mentioned, and the balance of the drawings and specifications remain in full force. Acknowledge receipt of this addendum in the space provided on the Bid form. Failure to do so will subject the Bidder to disqualification.

Item Section or

No. Sheet No. Description

GENERAL ITEMS

- | | | |
|-----|------------------|--|
| 1-1 | | The completion date for the project will be August 19, 2005. |
| 1-2 | | See the attached drawings Lower Floor Phasing and Main Floor Phasing for the phasing sequence for this project. |
| 1-3 | | This project shall be completed while the building is occupied; therefore, it will be necessary to complete the work in four phases. Refer to the architectural portion of this addendum for phase requirements. Mechanical systems shall remain in operation as much as possible. Coordination with DFCM and the Department of Workforce Services (DWS) shall be completed as necessary to minimize climate discomfort to DWS employees. Boiler shut-down may commence when DFCM is satisfied that the heating season is over – written approval from DFCM is required before permanent shut-down of existing boiler. Supply and return air systems in the area where work is being performed shall be completely sealed from the main system during construction (by the mechanical contractor). Removal and re-installation of the domestic water pressure reducing station shall be completed in a very timely manner as to have minimal or no disruption of domestic water service for DWS employees. |
| 1-4 | Additional Scope | The re-roof of the canopies at the front (west) and back (east) entries have been added to the project. Remove existing ballast and single-ply membrane. Replace with new single-ply membrane as specified. Front canopy is 160 square feet with 48 lineal feet of parapet and 40 lineal feet of existing metal flashing to remain (slide new membrane under), existing tapered insulation (to remain) slopes from the center to north/south sides. Back canopy is 320 square feet with 56 lineal feet of parapet and 40 lineal feet of existing metal flashing to remain (slide new membrane under), existing tapered insulation (to remain) slopes from north to south. Extend |

Item No.	Section or Sheet No.	Description
		membrane over parapet wall on three sides, (parapet height varies from 12" to 20" with slope of insulation – assume 1/4"/foot). Provide new kynar-coated parapet cap similar to Detail A3/AS501 (issued in Addendum 01). See photographs 3-6.
1-5	Clarification	Access to the roof parapet ...
1-6	Clarification	See the attached drawings Existing Lower Floor Demountable Walls To Be Painted Existing Main Floor Demountable Walls To Be Painted for the locations of these walls.
1-7	Clarification	Any roof sheathing removed by the contractor as a result of the installation of the new boiler shall be part of the base bid.
1-8	Clarification	North wall of roof top mechanical enclosure has a surface mounted electrical disconnect which will need to be removed and the replaced to run new roof membrane up the wall, see photograph #01.
1-9	Clarification	Addendum 01, attached DETAIL A4/AS501 : Provide as part of the assembly an OPEN-FACED DOWNSPOUT (SMACNA FIG 1-32G) and SPLASH PAN (SMACNA FIGURE 1-36) at each new scupper.
1-10	Clarification	Addendum 01, attached DETAIL B4/AE501 : This detail occurs at the lower level stairs from the vestibule to the first flight of stairs. Approximately 5'-0" LF at the back stairs and 6'-0" LF at the front stairs. See attached photograph #02.
1-11	Clarification	Addendum 01, Revised Partial Floor and Ceiling Plan A3/AE101 and A3/AE111: <ol style="list-style-type: none"> 1. For support of the "Operable Walls" provide and install W 18x24 beams attached to TS 3x3x1/4 steel tube columns. Columns to have 3" x 8" x 1/2" base plates with 2- 1/2" expansion or epoxy bolts with 3" embedment into the floor slab. Provide 3" x 3" x 1/4" angle bracing at 4' O.C. on alternating sides from the beam to the floor slab above. Prime paint all steel components, except where field welding is required. 2. Reverse the swing for the three (3) exit doors to swing out of the room. 3. Revise door hardware groups to 5, see below: <ul style="list-style-type: none"> Group 5 3 Ea, Hinges, Hager, AB700, 4 1/2 "x 4 1/2 ", 26D 1 Ea, Exit Device, Yale, 1500(F) x F08L, AU, 26D 1 Ea, Closer, LCN, 4040, Cush, AI 1 Set, Smoke seal, National Guard*, 2525 D 1 Ea, Kick Plate, Rockwood, K1050, 10" x B4E x CSK, 32D

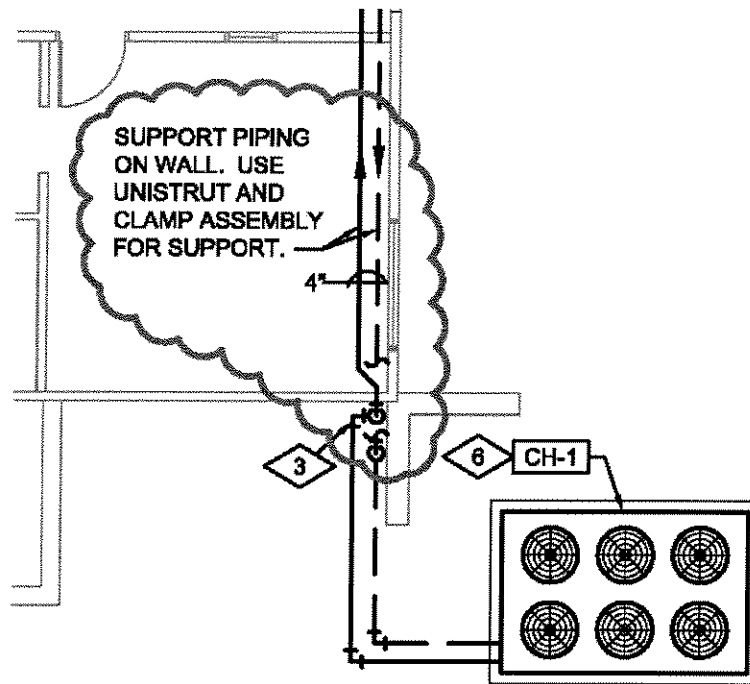
SPECIFICATION ITEMS

1-12	07620-3	Part. 2.3, Section D: Revise to read "Seams: Fabricate nonmoving seams in sheet metal with single lock standing seam."
1-13	09511-3	Part. 2.1, Section A: Delete "and recessed band to simulate 2' x 2' panel" .

DRAWING ITEMS

1-14	AD101/AE101	Revise each plan at OFFICE 113 as shown on the attached drawings <i>Revised Main Floor Demolition Plan</i> and <i>Revised Main Floor Plan</i> .
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Item No.	Section or Sheet No.	Description
1-15	AE101/AE102	FINISH LEGEND: Revise <i>Finish A</i> to read <i>"EXISTING BRICK WALL FINISH TO REMAIN, EXISTING PAINTED CMU WALL TO BE RE-PAINTED"</i> .
1-16	MH101	MAIN LEVEL MECHANICAL PLAN Delete fire smoke damper from supply duct penetrating east stairwell.
1-17	MH201	MAIN LEVEL MECHANICAL PIPING PLAN Change the run of the chilled water piping to be supported by the north wall. Piping shall run one above the other. See figure below:



- 1-18 PL100
- PLUMBING PLANS
- Main Level Plumbing Plan:
1. Callout 'WC-1' and reference note '2' shall be added to refer to the two water closets located in the southwest rest-room.
 2. The north-west callout 'WC-1' and reference note '2' shall refer to the water closets in the northwest rest-room.
- Lower Level Plumbing Plan:
1. Callout 'WC-1' and reference note '2' shall be added to refer to the two water closets located in the southwest rest-room.

PRIOR APPROVALS

1-19

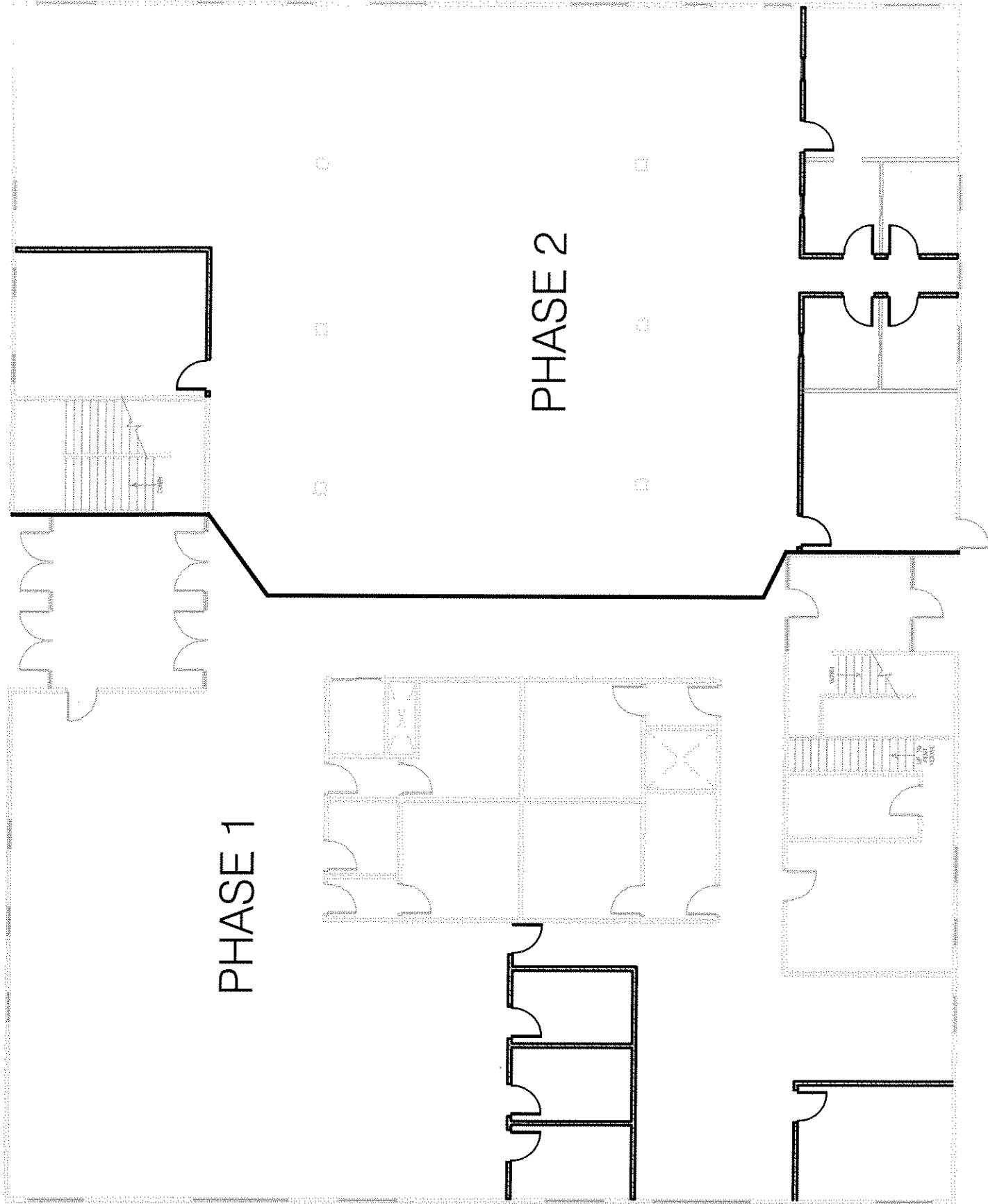
The following manufacturers, trade-names, and products are approved provided that they satisfy every requirement of the Drawings, Specifications, and all Addenda, and conform to the design, intent, and the quality, and standards specified.

Naming of an "approved manufacturer" does not mean that the manufacturer or product automatically complies with the design documents. Submittals must be acceptable in all respects to the project design team.

Item No.	Section or Sheet No.	Description	
		PRODUCT	MANUFACTURER
		Air Cooled Scroll Chiller	York, Carrier
		Unit Heater	Rittling
		Return, Exhaust, and Transfer Registers	Carnes, ACME
		Inline Exhaust Fan	Carnes, Breidert, ACMEVA
		Reheat Boxes	Carnes, Krueger, Nailor
		Louvers	Cesco, Greenheck
		Fire/Smoke Dampers	Cesco, Greenheck, Fire/Smoke Dampers
		Manual Volume Dampers	Air-Rite, Greenheck
		Check Valves	Metraflex
		Strainers	Metraflex, Flo Fab
		Venturi	Presco, Flo Fab
		Thermometers	Miljoco, Flo Fab
		Pressure Gauges	Miljoco, Flo Fab
		Gauge Cocks	Flo Fab
		Expansion Tanks	Bell & Gossett, Wessels, Flo Fab
		Air Separators	Bell & Gossett, Wessels, Flo Fab
		Grilles, Registers, Diffusers	Krueger
		Boiler	Bryan
		Pumps/Suction Diffusers	PACO, Flo Fab
		Flex Connectors	Unisource, Flo Fab
		Expansion loops	Unisource
		Boiler Stack	Van Packer
		DX split system 'AC-1'	McQuay
		Circuit Setters/Air Vents	US Industrial, Flo Fab
		Strainers/Check Valves	Titan
		Triple Duty Valves	Flo Fab
		Airtrol Fitting	Flo Fab
		Water Gauge Sight Glass w/cocks	Flo Fab
		Relief Valves	Flo Fab
		Balancing Valves	Flo Fab

ATTACHMENTS

1-20	3 pages of photographs.
1-21	6 drawings.



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MAIN FLOOR PHASING
PROVO WFS PROJECT - ADDENDUM 02

SCALE: N.T.S.
DATE: 18 FEB 2005
CLIENT PROJ No 04210920
HFSA PROJ No 0426.01

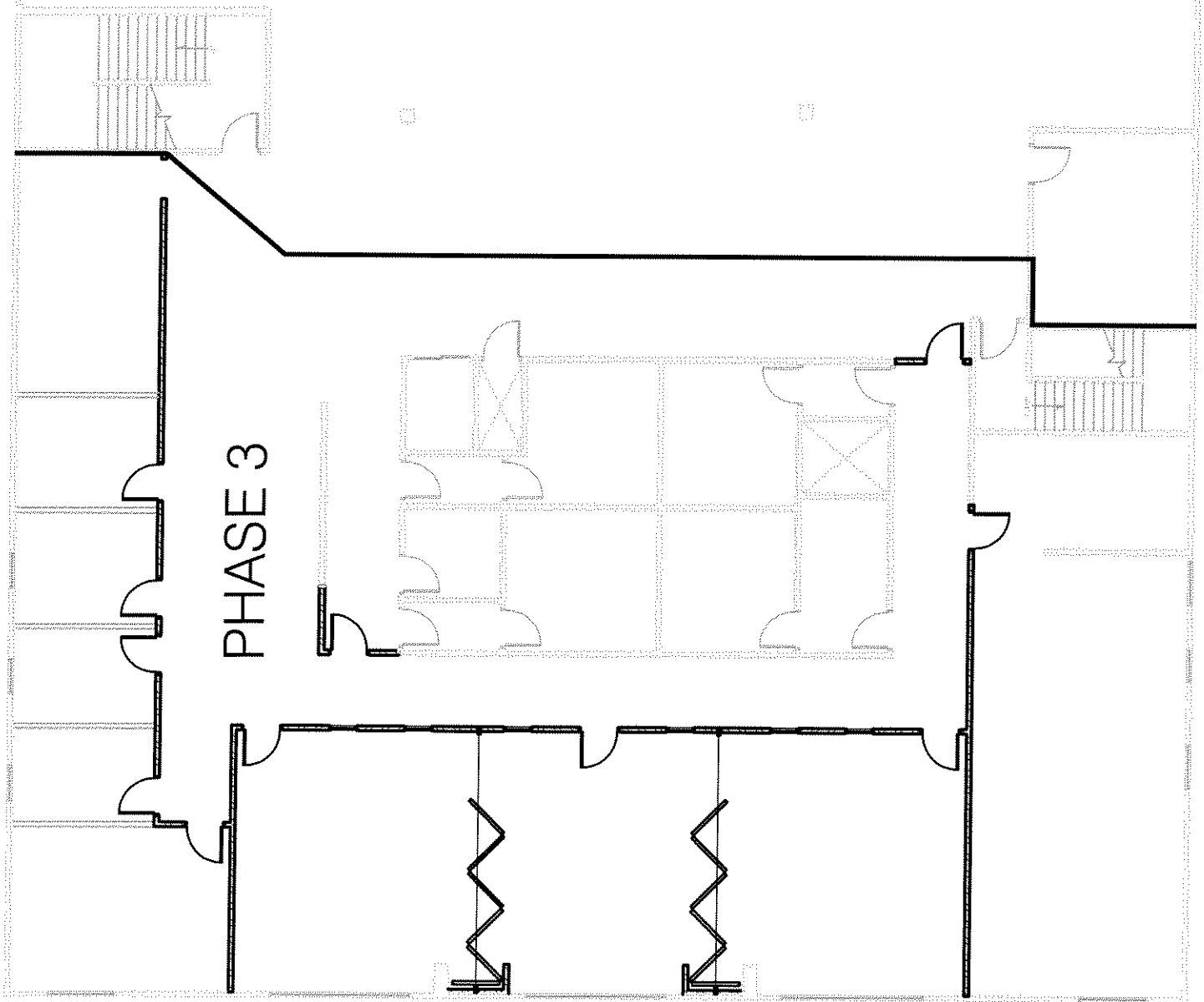
HFSArchitectsARCHITECTURE
INTERIORS
PLANNING**LOWER FLOOR PHASING
PROVO WFS PROJECT - ADDENDUM 02**

SCALE: N.T.S.

DATE: 18 FEB 2005

CLIENT PROJ No 04210920

HFS PROJ No 0426.01



EXISTING LOWER FLOOR DEMOUNTABLE WALLS TO BE PAINTED
PROVO WFS PROJECT - ADDENDUM 02

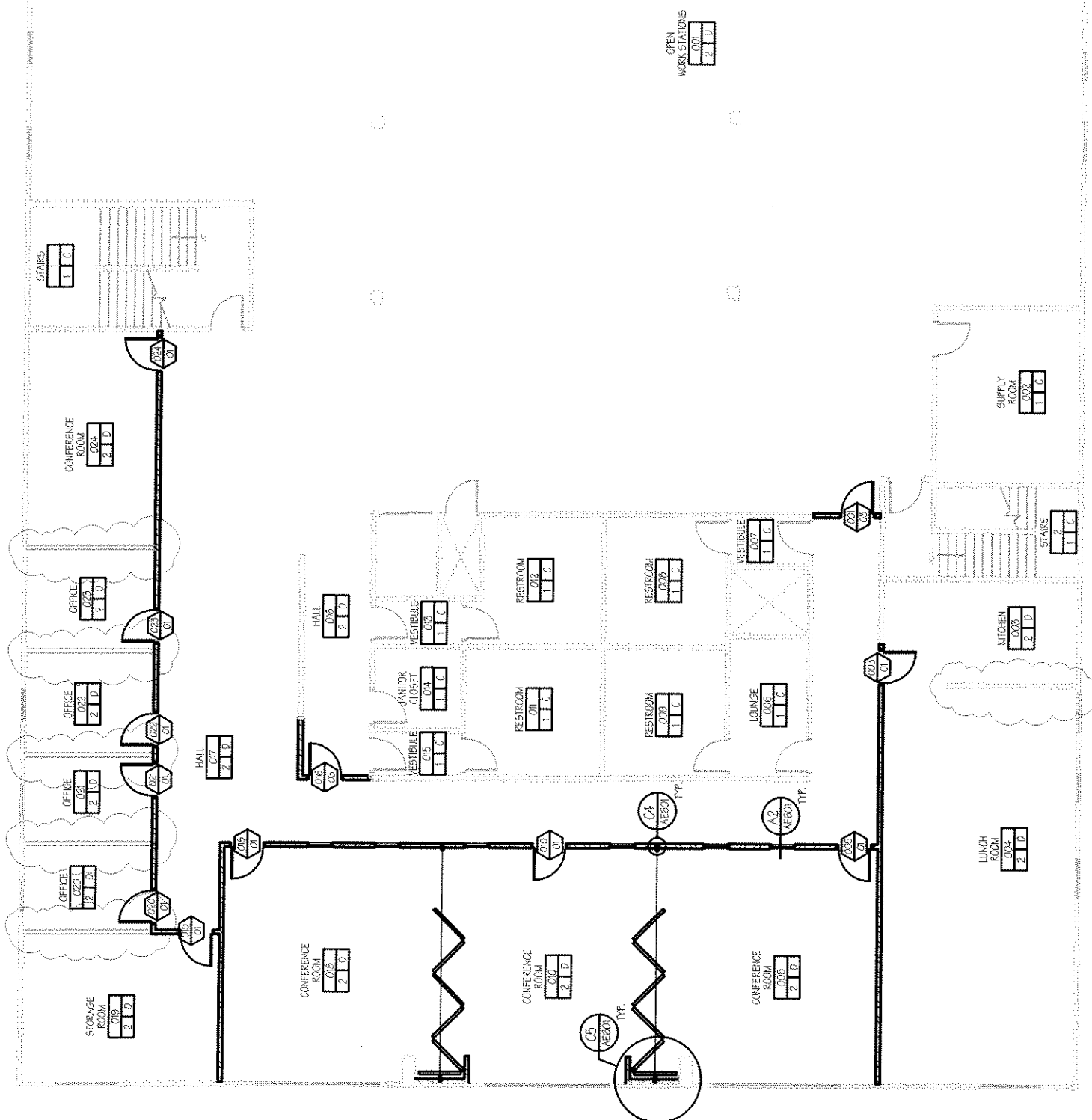
SCALE: N.T.S

DATE: 18 FEB 2005

CLIENT PROJ No

04210920

0426.01

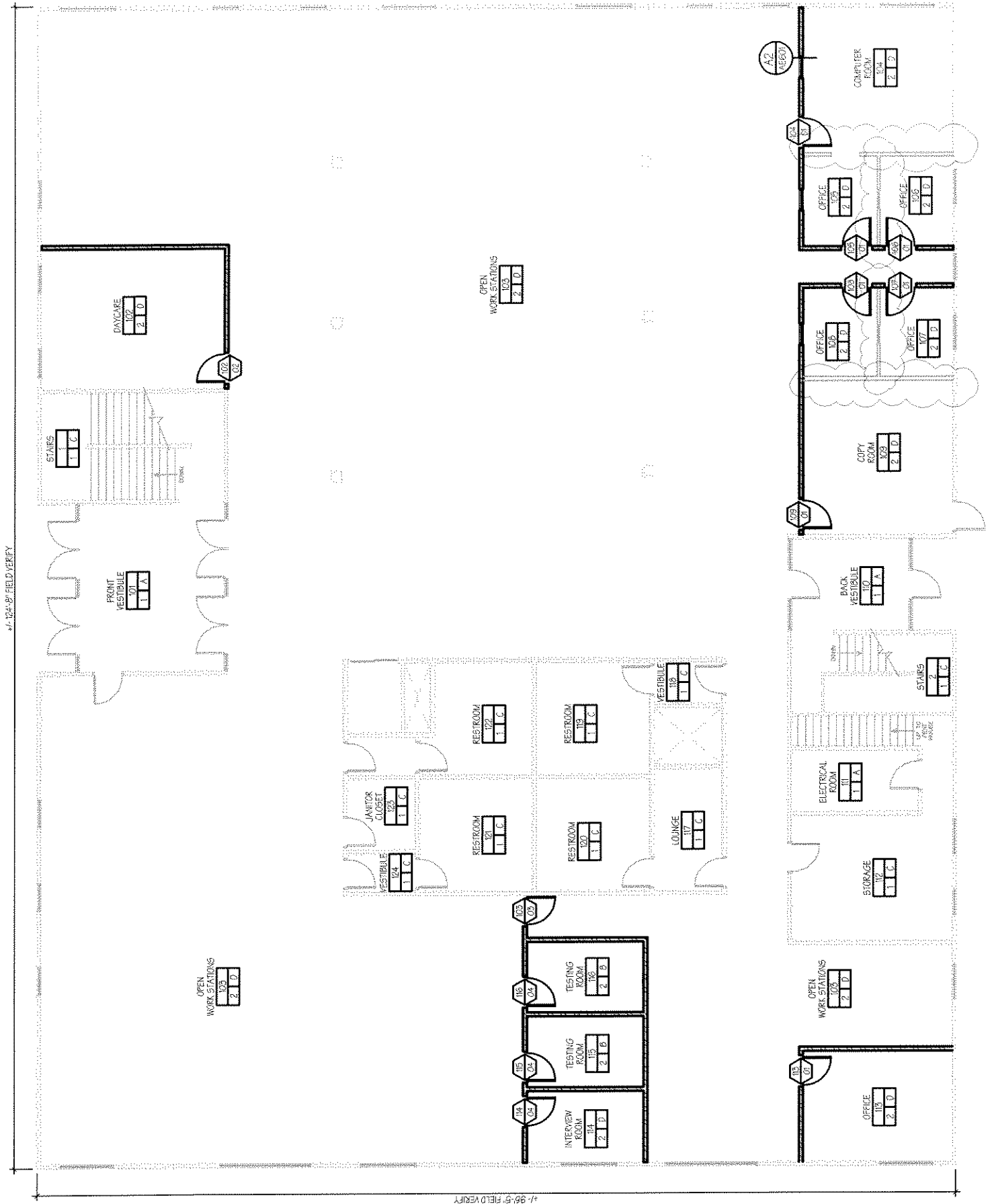


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**EXISTING MAIN FLOOR DEMOUNTABLE WALLS TO BE PAINTED
PROVO WFS PROJECT - ADDENDUM 02**

SCALE: N.T.S.
DATE: 18 FEB 2005
CLIENT PROJ No 04210920
HFSA PROJ No 0426.01



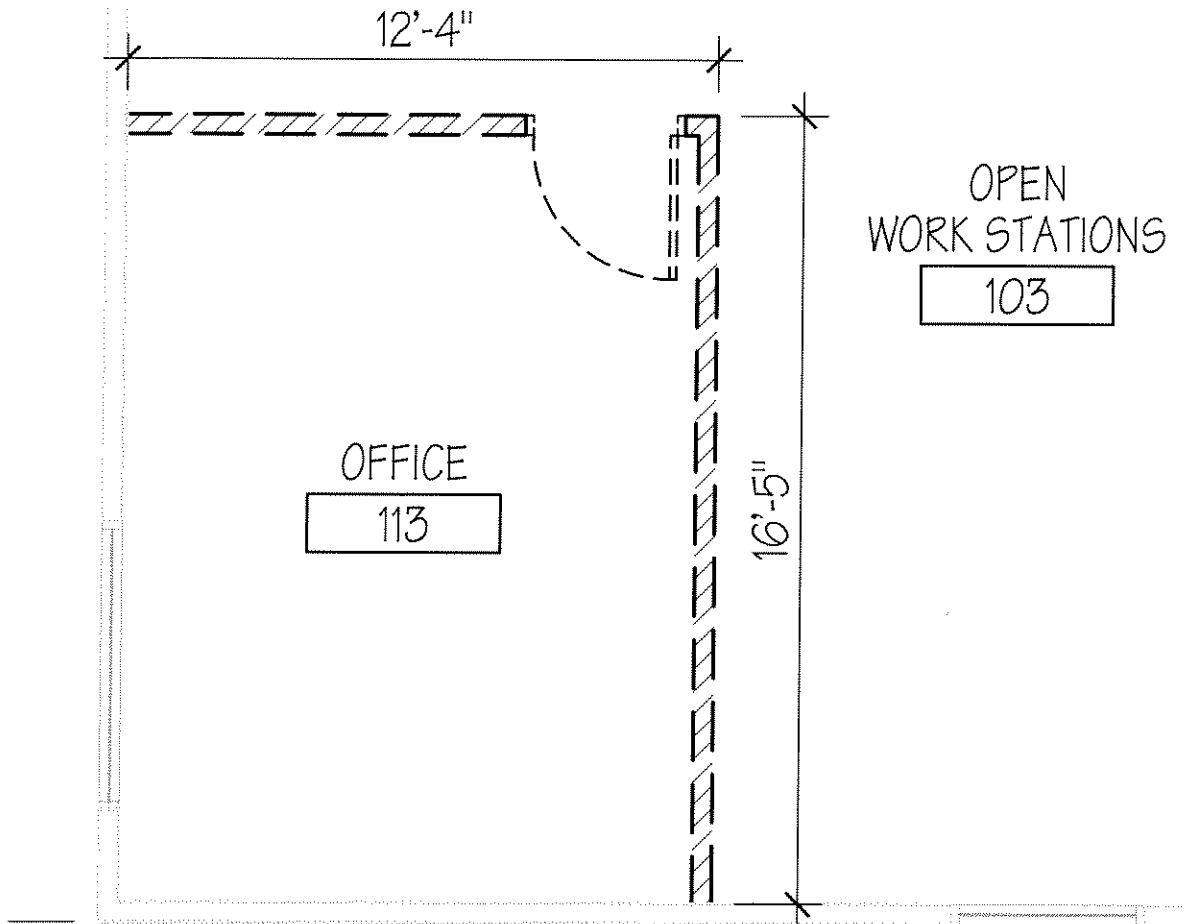


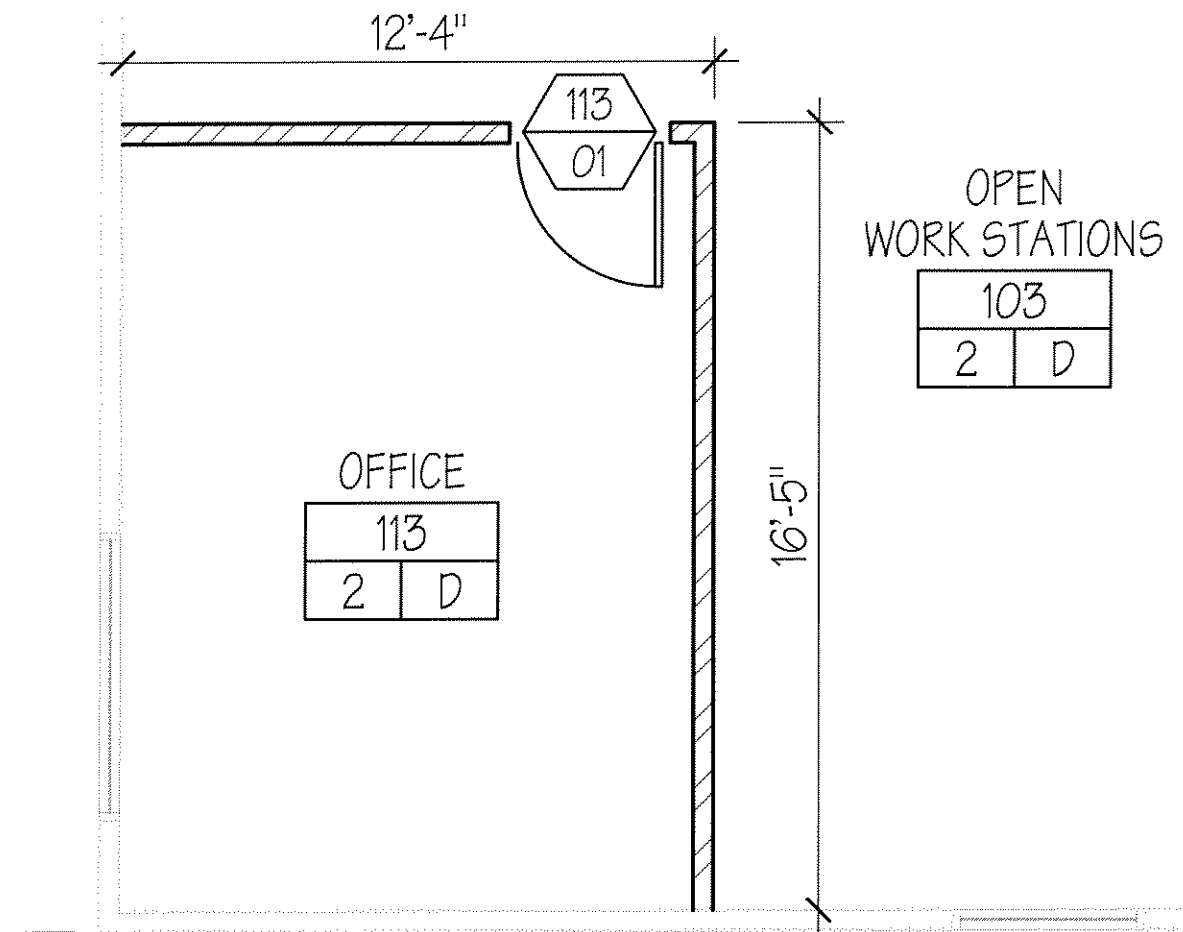
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**REVISED MAIN FLOOR DEMOLITION PLAN
PROVO WFS PROJECT - ADDENDUM 02**

SCALE: 1/4"=1'-0"
DATE: 18 FEB 2005
CLIENT PROJ No
04210920
HFS PROJ No
0426 01





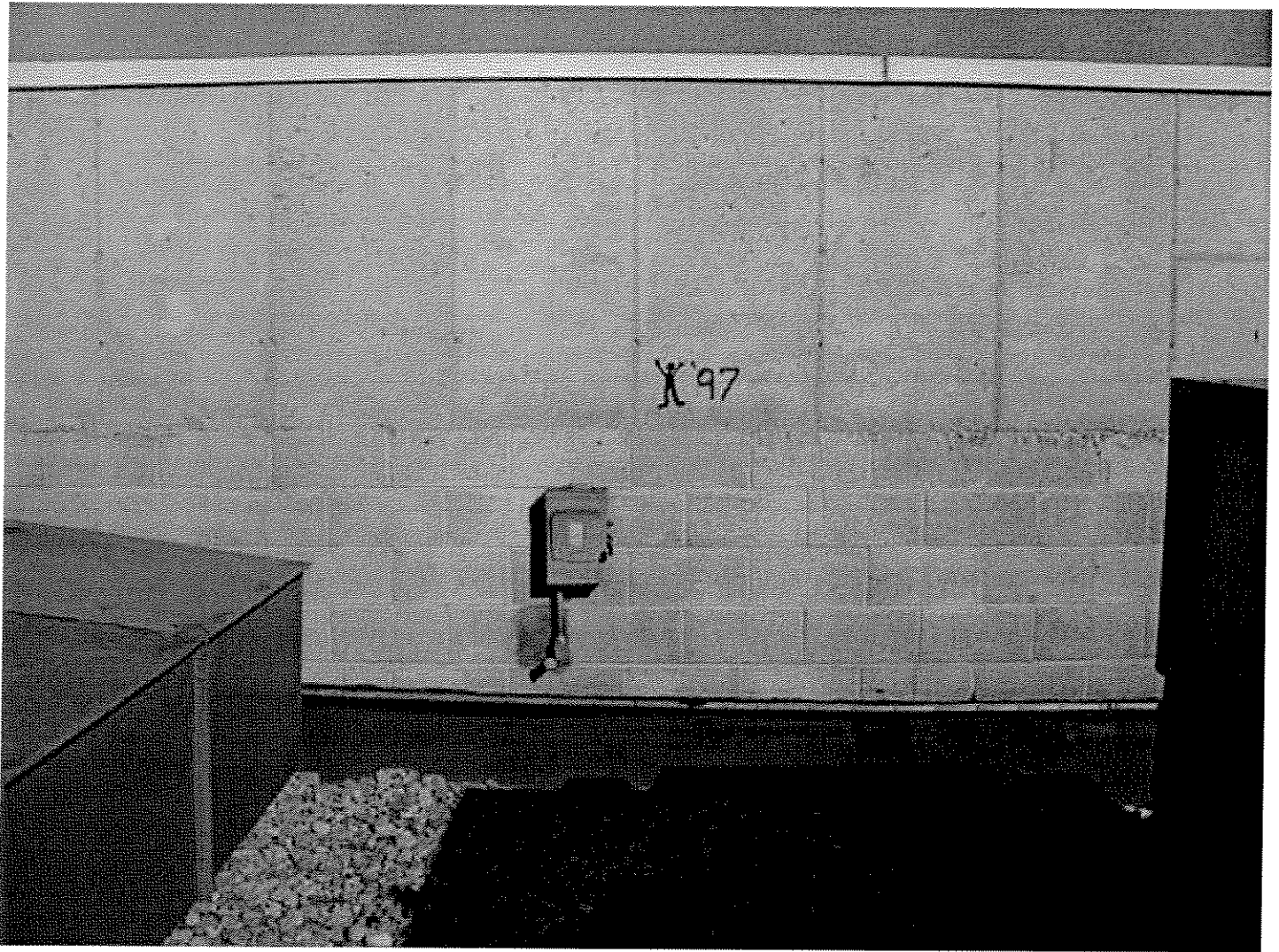
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**REVISED MAIN FLOOR PLAN
PROVO WFS PROJECT - ADDENDUM 02**

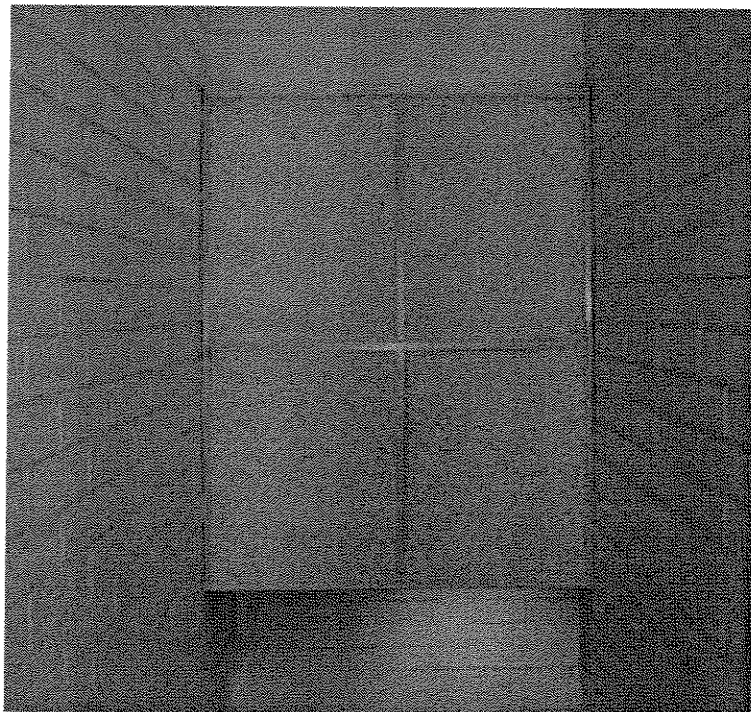
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DATE: 18 FEB 2005
CLIENT PROJ No 04210920
HFSA PROJ No 0126 01



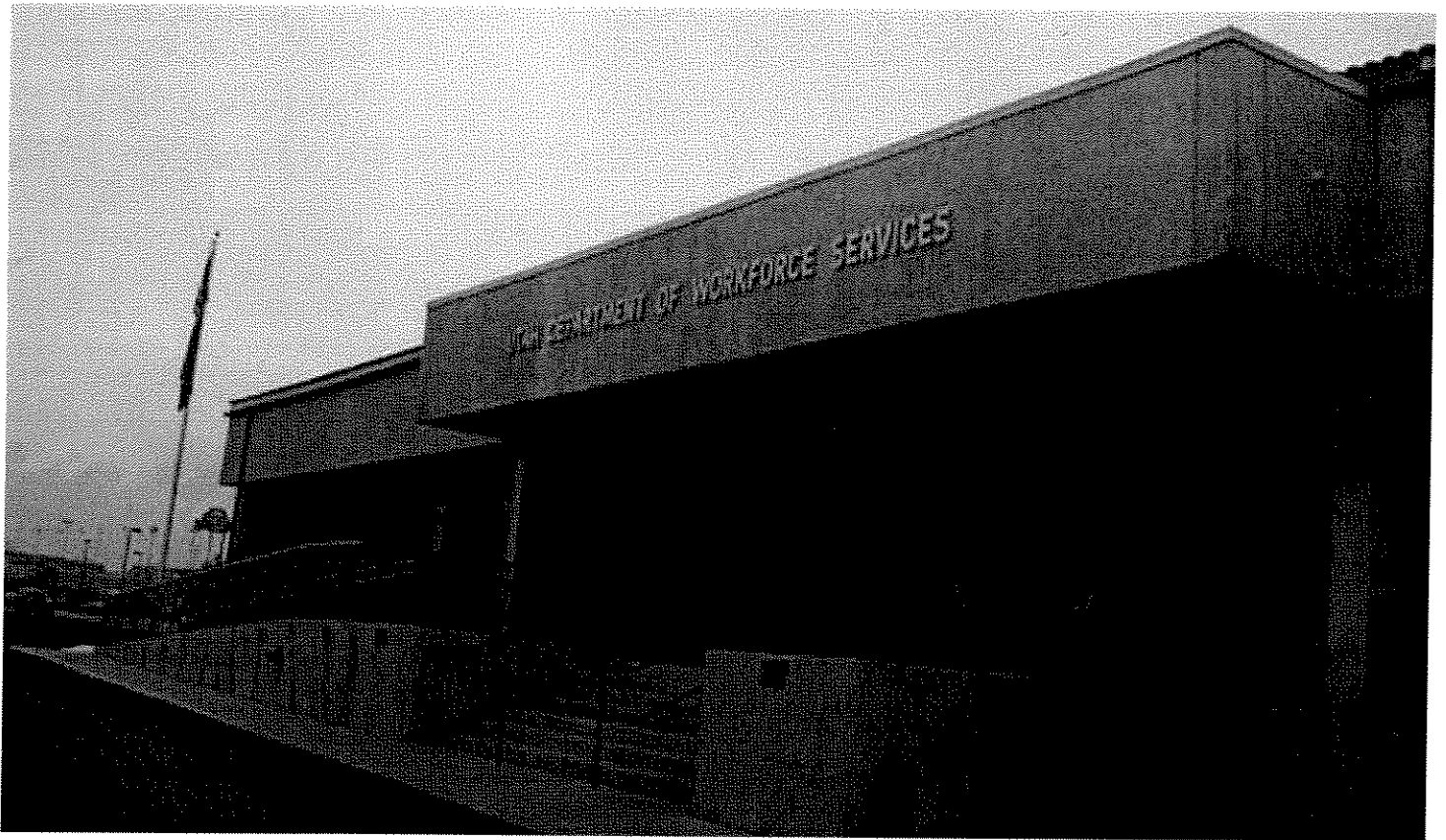
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Photograph 01: North wall of roof top mechanical enclosure.



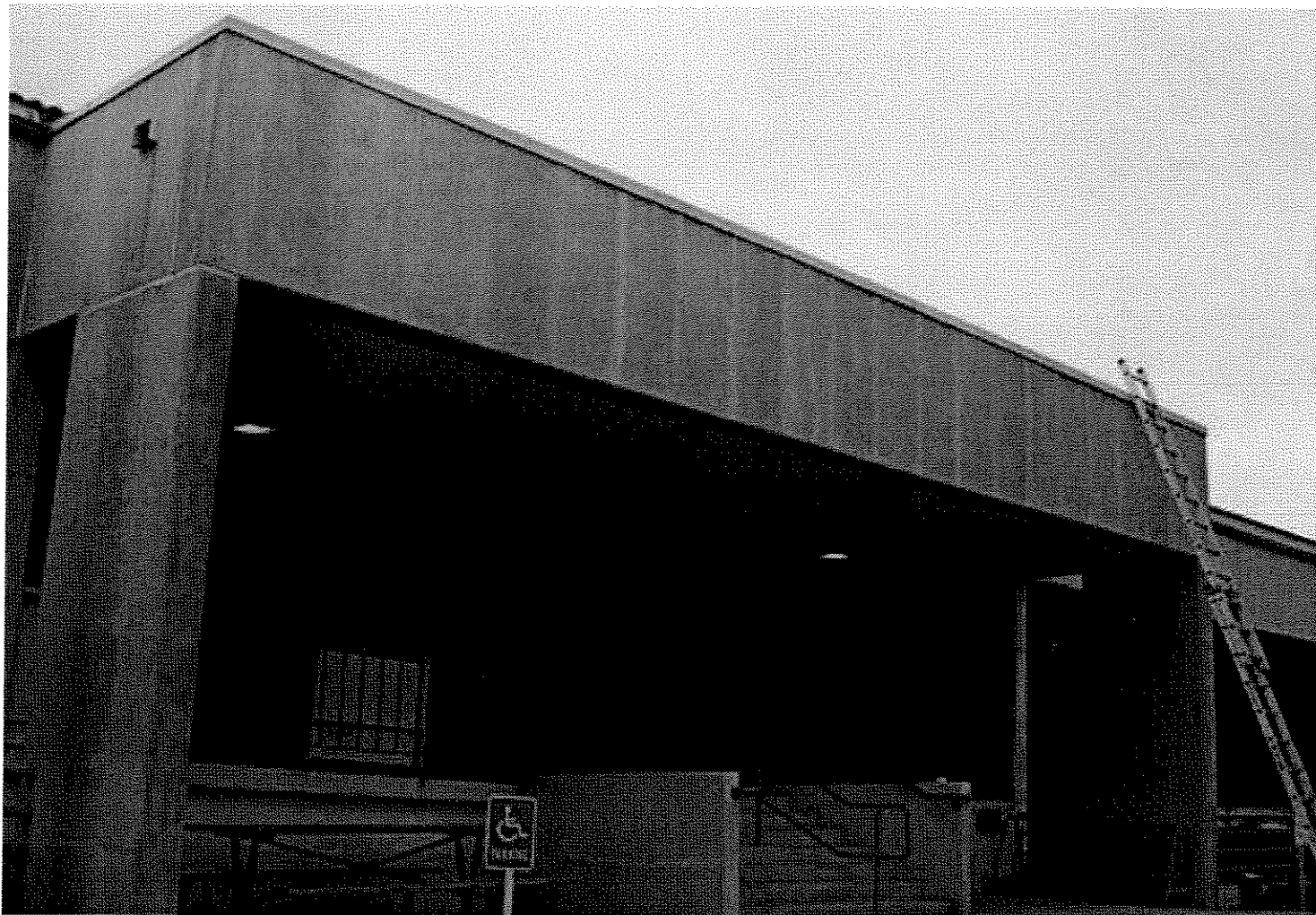
Photograph 02: Example of existing ceiling drop in stairways to be replaced.



Photograph 03: Canopy at front entry (West) to be re-roofed.



Photograph 04: Scupper at North end of front canopy - duplication on South end of front (West) canopy.



Photograph 05: Canopy at back entry (East) to be re-roofed.



Photograph 05: Scupper at South end only of Back (East) canopy.